



# Thin Prep<sup>®</sup> Pap Test<sup>™</sup> Transportation



# ThinPrep® Pap Test™

- Sample preservation and automated slide preparation methods for better detection of cervical cancer
- Elements
  - ThinPrep® Sample container with PreserveCyt® Solution
  - ThinPrep® Processor
  - CytoLyt® Or CellFyx® Solution
- Samples transported/shipped to laboratory for automated slide processing
- 20 mL PreserveCyt Solution in sample container
- Processor uses CytoLyt/CellFyx during slide preparation





# PreserveCyt

## Waste Characteristics

- Buffered methanol concentration = 50 %
- Flash point = 80° F
- Bactericidal: 99.999% inactivation in 15 minutes
- <1% organic acids and buffers
- Sample container label: flammable and toxic
- Bottom Line: this is an Ignitable HW!





# PreserveCyt Transportation

- PreserveCyt MSDS specifies DOT Hazmat shipping description
- New sample containers shipped as hazmat from CYTYC to MEDCEN
- Hazmat certification and training requirements apply to shipments from MTF to MTF



# Transportation

- Shipping description by Cytyc
  - Flammable liquid, n.o.s. (contains methanol), 3, UN 1993, PG III
  - Based on Flashpoint of 26.5°C
    - From 49 CFR Part 173.120
  - PG based on flashpoint as well
    - PG III for flashpoint from 23.5° C to 60.5° C
    - From 49 CFR Part 173.121





# Transportation

- Why not a Diagnostic Specimen?

Chemicals in the PreserveCyt Solution neutralize the pathogenic properties of the sample rendering them harmless and therefore are excepted based on 49 CFR 173.134 (b)(2)



# PreserveCyt Transportation

- **Choices for transport based on quantity you wish to ship:**
  - ◆ Small/excepted quantity
  - ◆ Limited quantity
  - ◆ Non-bulk shipment





# Excepted Quantity

- **49 CFR Part 173.4**
  - **Class 3 Materials are excepted from 49 CFR if**
    - **Inner receptacle limited to 30mL**
    - **Each inner receptacle is sealed in place**
    - **Absorbent and cushioning material is used**
    - **Package has passed drop test**
    - **Gross mass of final product is 29kg (64lb)**
    - **Package is marked w/**

**“This package conforms to 49 CFR Part 173.4”**



# Limited Quantity

- **Via Column 8a**
  - **Takes you to????**
  - **173.150(b)**
    - **If packed in combination packagings and limited to 30 kg (66lb) total weight**
      - **excepted from labeling and specification requirements**
    - **PG III items limited to 5 L per inner packaging**



# CHPPM

## **Action/Guidance**

- **CONUS and OCONUS  
Transportation guidance  
documented and distributed  
via CHPPM Fact Sheet**
- **CHPPM TBM Course modified  
to offer limited Class 3  
certification for Thin Prep  
Sample Shipments**



# Need Help?

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- **Contact USACHPPM Hazardous and Medical Waste Program**
  - **DSN 584-3651**
  - **Commercial 410-436-3651**
  - **<http://chppm-www.apgea.army.mil/hmwp/>**
- **For Current MSDSs: Contact CYTYC technical assistance department**
  - **(978)-263-8000**
  - **<http://www.cytyc.com/85507srv/tsmsds.htm/>**